

Johnson Controls, Inc.
1302 East Monroe Street
Goshen, IN 46526
Tel. 219/533-2111

OCT 2 11 47 AM '85
DIVISION OF LAND
POLLUTION CONTROL
STATE
BOARD OF HEALTH

N. Gray
201

EPA Region 5 Records Ctr.



305958

JOHNSON
CONTROLS
Control Products
Division

Office of the Technical
Secretary
Indiana Stream Pollution
Control Board
1330 W. Michigan Street
Indianapolis, IN. 46206

Attn: Crystal Myers

Crystal:

This letter is a follow-up of the non-authorized discharge, of August 27, 1985, which I reported on September 5, 1985.

On August 16, 1985, a maintenance person while repairing the roof, observed a depression in the pavement. He notified Maintenance Supervision who contacted Bailey construction to excavate the depressed spot on August 27, 1985. After digging approximately five feet, Bailey uncovered a domestic sewer line that was releasing pretreated effluent. At 10:30 a.m., Tom Arnold, Building Supervisor, Tom Merchant, Facilities Engineer and Joe McCorkel, Plant Engineering Supervisor notified me of a non-authorized discharge.

I informed Joe McCorkel that soil samples should be taken at the site of the release and 36 inches below to ascertain what organic and inorganic materials were in the affected soil.

The samples were collected and taken to Turner Technologies, Warsaw, IN. for analysis. The analysis showed a high level of zinc, cadmium, and chromium at the site and above the release and very little contamination below the release. (See analysis)

Upon receiving the report from Turner Technology, I called and reported a condition of contaminated soil to you at the emergency response center.

The following day Richard T. Brown and Max Michael of the Elkhart County Health Department visited Johnson Controls and observed the action being taken to put Johnson Controls in compliance with the State of Indiana.

The contaminated soil was contained. The diameter of the

since 1885

Right for the Times

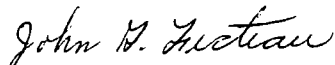
site was enlarged to six feet and the depth of soil dug out was nine feet. This soil was placed in barrels and is stored in our waste building until Chem Waste management agrees to accept the soil into the Adams Road Landfill through the permitting procedure.

Mr. Jack Corpuz of the Chemical Evaluation Section for the State of Indiana Land Pollution Control has authorized Johnson Controls to fill site based on analysis of soil and the need for Johnson Controls to keep opening where site is located available for fire, emergency response and vendor trucking.

The site has been filled with clean sand and will be repaved.

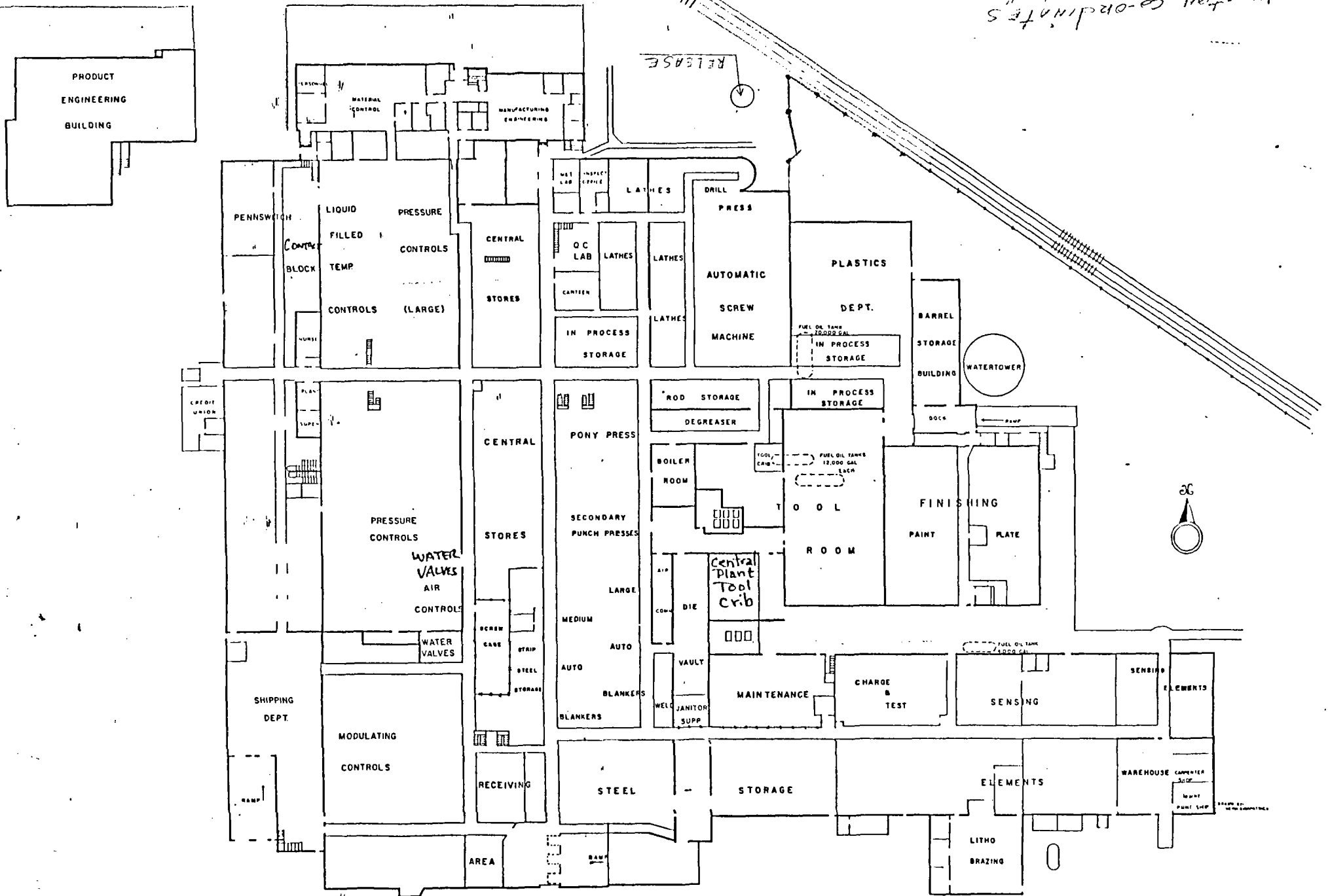
Should you need more information, please call me at (219) 533-2111.

Sincerely,


John G. Fecteau
Mfg. Eng.

JGF:dk
Enclosure

MON ROE STREET



EMERGENCY RESPONSE OPERATING RECORD
(40 CFR 265.56)

This record is to be filled out by Primary Emergency Coordinator or his designee.

REPORTED BY: Tom Arnold

A. Date of Incident: August 27, 1985

B. Time of Incident: 10:30 AM

C. Type of Incident: (circle one) Fire, Spill, Explosion.

D. Hazardous Material(s) involved:

<u>Name</u>	<u>Quantity (lbs, gal)</u>	
	<u>At Release</u>	<u>36" Below Release</u>
Cadmium	1154 Mg/kg	10.52 Mg/kg
Chrome	2534 Mg/kg	6.14 Mg/kg
Zinc	3520 Mg/kg	25.43 Mg/kg

E. Extent of injuries (if any).

None

F. Assessment of actual or potential hazards to human health or environment. (To be filled in by Safety Manager).

NONE JEL
LOCAL SOIL CONTAMINATION ONLY JEL

All soil that is contaminated has been excavated and contained for transportation to a secure landfill.

G. Estimated quantity and disposition of recovered material that resulted from incident. (To be filled in by Hazardous material Engineer).

9 cubic yards contaminated soil transport to secure landfill.

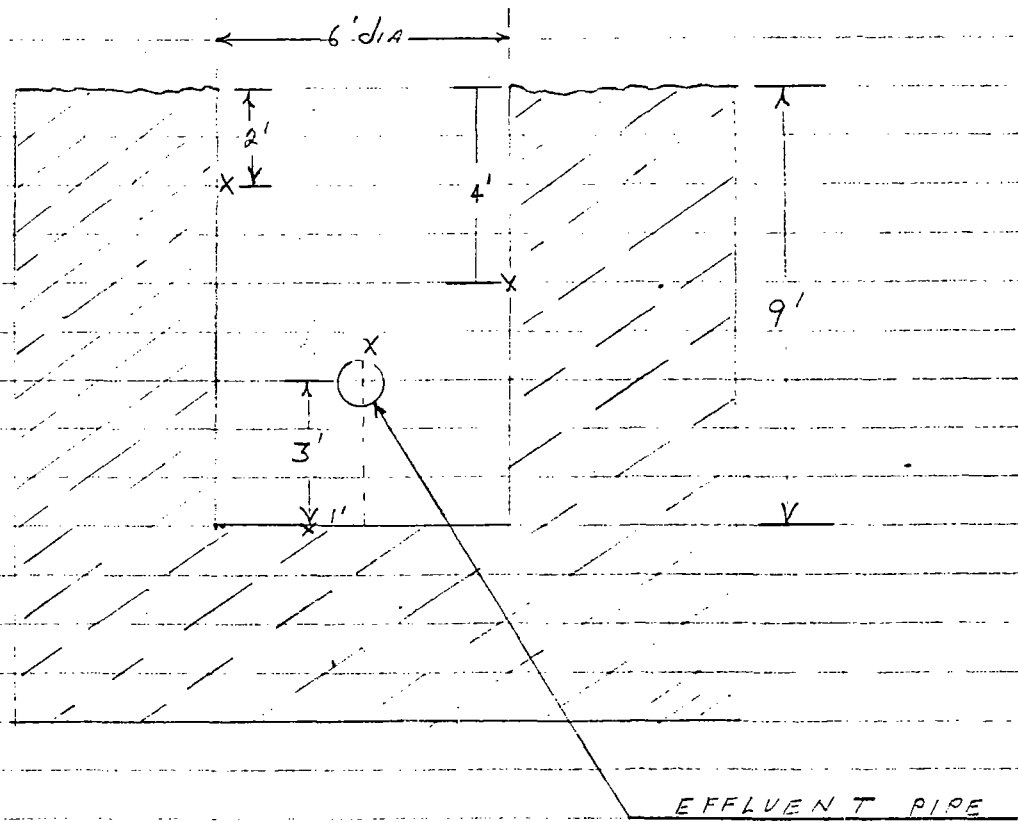
H. Notification of Regional Administrator, State and Local Authorities that the Facility is in compliance with 40 CFR 265.56 (h), (1), (2) before operations are resumed in affected area(s) of Facility. (Hazardous Material Engineer).
Notified by Jack Corpuz 9/9/85. State of Indiana, Notification in accordance with REG SPC 16, IC 1971, 13-1-3 and IC 1971, 13-7

Emergency Coordinator

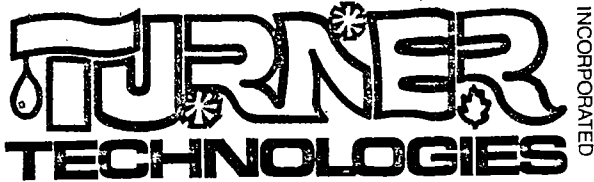
Tom Arnold
Hazardous material Engineer

John D. Fuction 9/9/85
Safety Manager

J. E. Muehlen 9/9/85



X SOIL SAMPLES



JC08.COR

P.O. Box 1096
Warsaw, IN 46580
(219) 267-3305

September 18, 1985

Johnson Controls, Inc.
1302 East Monroe Street
Goshen, Indiana 46526

Attention: Mr. John Pecteau


Gentlemen:

Following are the results of the recent testing:

Sample number	
Date	8/22/85
ID	soil at leak
Cadmium, g/kg	1.154
Chromium, total g/kg	2.534
Zinc, g/kg	3.520

All tests were conducted according to Standard Methods for the Examination of Water and Wastes, USEPA and/or Test Methods for the Examination of Solids Wastes, USEPA.

Sincerely:


David M. Turner, CMfgE
President

cc:file



JC03.COR

P.O. Box 1096
Warsaw, IN 46580
(219) 267-3305

September 18. 1985

Johnson Controls, Inc.
1302 East Monroe Street
Goshen, Indiana 46526

Attention: Mr. John Fecteau

Gentlemen:

Following are the results of the recent testing:

Sample number	20578
Date	8/22/85
ID	Soil at top
Solids, %	87.94
Cadmium, g/kg	1.36
Chromium, total g/kg	2.83
Zinc, g/kg	3.87

All tests were conducted according to Standard Methods for the Examination of Water and Wastes, USEPA and/or Test Methods for the Examination of Solids Wastes, USEPA.

Sincerely:

A handwritten signature in cursive script that reads "David M. Turner".

David M. Turner, CMfgE
President

cc: file



P.O. Box 1096
Warsaw, IN 46580
(219) 267-3805

Johnson Controls, Inc.
1302 East Monroe Street
Goshen, Indiana 46526

Attention: Mr. John Fecteau

Gentlemen:

Following are the results of the recent testing:

Sample number	20580
Date	8/22/85
ID	soil at water level
Solids, %	84.20
Cadmium, g/kg	1.15
Chromium, total g/kg	2.53
Zinc, g/kg	3.51

All tests were conducted according to Standard Methods for the Examination of Water and Wastes, USEPA and/or Test Methods for the Examination of Solids Wastes, USEPA.

Sincerely:

A handwritten signature in cursive script that reads "David M. Turner".

David M. Turner, CMfgE
President

cc: file



JC04.COR

P.O. Box 1096
Warsaw, IN 46580
(219) 267-3305

September 18, 1985

Johnson Controls, Inc.
1302 East Monroe Street
Goshen, Indiana 46526

Attention: Mr. John Fecteau

Gentlemen:

Following are the results of the recent testing:

Sample number	20579
Date	8/22/85
ID	soil 2 ft down
Solids, %	94.33
Cadmium, g/kg	0.21
Chromium, total g/kg	0.47
Zinc, g/kg	0.63

All tests were conducted according to Standard Methods for the Examination of Water and Wastes, USEPA and/or Test Methods for the Examination of Solids Wastes, USEPA.

Sincerely:

A handwritten signature in cursive script that reads "David M. Turner".

David M. Turner, CMfgE
President

cc: file



P.O. Box 1096
Warsaw, IN 46580
(219) 267-3305

Johnson Controls, Inc.
1302 East Monroe Street
Goshen, Indiana 46526

Attention: Mr. John Pecteau

Gentlemen:

Following are the results of the recent testing:

Sample number	20581
Date	8/22/85
ID	water at leak
Cadmium, mg/L	98
Chromium, total, mg/L	97
Zinc, mg/L	150

All tests were conducted according to Standard Methods for the Examination of Water and Wastes, USEPA and/or Test Methods for the Examination of Solids Wastes, USEPA.

Sincerely:

A handwritten signature in cursive script, appearing to read "David M. Turner".

David M. Turner, CMfgE
President

cc: file



JC07.COR

P.O. Box 1096
Warsaw, IN 46580
(219) 267-3305

September 18. 1985

Johnson Controls, Inc.
1302 East Monroe Street
Goshen. Indiana 46526

Attention: Mr. John Fecteau


Gentlemen:

Following are the results of the recent testing:

Sample number	
Date	8/22/85
ID	3 ft below leak
Cadmium, g/kg	0.0105
Chromium, total g/kg	0.00614
Zinc, g/kg	0.0254

All tests were conducted according to Standard Methods for the Examination of Water and Wastes, USEPA and/or Test Methods for the Examination of Solids Wastes, USEPA.

Sincerely:


David M. Turner, CMfgE
President

cc: file

Johnson Controls, Inc.
1302 East Monroe Street
Goshen, IN 46526
Tel. 219/533-2111

Oct 18 12 01 PM '85

DIVISION OF LAND
POLLUTION CONTROL
STATE
BOARD OF HEALTH

JOHNSON
CONTROLS
Control Products
Division

Indiana State Board of Health
5500 W. Bradbury
Indianapolis, IN. 46241

Attn: Norm Grey

Dear Norm,

Per our telephone conversation of October 10, 1985, I have enclosed copies of the E.P. Toxicity reports from Turner Technologies on the contaminated soil.

Analysis JCO11.COR is a report on soil now in drums awaiting approval to ship from Adams Center Landfill Inc.

Analysis JCO 12.COR is a report on soil taken three feet below site of non-approved discharge.

Please call (219) 533-2111 if you have any questions.

John G. Fecteau
John G. Fecteau
Hazardous Material Manager

TO

Jenny Ranch

FROM

Noon

SUBJECT

Johnson Controls - Losban - Rest Clean-up

MESSAGE

Attached is a RFD of soil material that was contaminated w/
Heavy Metals (Cd-Pb-Cr). The generator wants to call the waste
hazardous (DCC). Additional soil may have to be removed.
What they have removed is characterized sufficiently for a
H.W. but they haven't done any background sampling.
Let's get together & talk about this.

SIGNED

Mr. J. Gray

DATE

10/5/85

REPLY

FOLLOW-UP
DATE

REMOVE PART 2 AND FORWARD PARTS 1 AND 3.
PART 3 WILL BE RETURNED WITH REPLY.

SIGNED

DATE

HAZARDOUS WASTE WORK SHEET

GENERATOR Johnson Controls Inc.
ADDRESS 1302 East Monroe Street
Yorken, IN 46526
TELEPHONE (219) 533-2111
PERSON(S) CONTACTED Mr. John G. Fecteau

Waste Description (process, treatment, dewatering device, chemical characteristics, physical characteristics, i.e., percent solids)

Soil Contaminated with Cd
9 yd³, 070 40 drums
LP → Adams Center 2.1 S.A.

10/10/85. spoke w/ Mr. Fecteau.
FOG is what he is calling this waste. I believe
this is a D006.

10/15/85 Rec'd call from Mr. Fecteau.

This is longer mine → It's over at Enforcement &
Chemistry.
It's a D006 L.W. (No)